

Wisconsin, September 13, 1938, *N. C. Fassett & J. W. Thomson, Jr.*, no. 21822 (TYPE in Herb. of Wis.). Of the 58 sheets of Prickly Ash from Wisconsin. 4 lack the sharp prickles usually characteristic of this shrub.

*MIMULUS RINGENS* L., f. **roseus**, n.f., corollis roseis.—Sandy shore of the St. Croix River, Evergreen, St. Croix County, Wisconsin, July 31, 1934, *N. C. Fassett*, no. 21821 (TYPE in Herb. Univ. of Wis.).

DEPARTMENT OF BOTANY  
UNIVERSITY OF WISCONSIN

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### Clarence J. Elting and his Herbarium

HOMER D. HOUSE

The New York State Museum has recently acquired as a gift from Mrs. Elting, the herbarium of the late Clarence J. Elting of Highland, Ulster County, New York. The collection is noteworthy among small local herbaria because of the careful preparation, preservation and correct identification of the material according to the current floras of his day. Most of the specimens exhibit both flowering and fruiting specimens, pressed and mounted with a skill rarely seen in such collections, with fairly accurate data as to locality and date. Over 90 percent of the specimens were collected in eastern Ulster County, New York. The remainder are from Mohonk, Minnewaska and Denning in Ulster County, with a few from across the Hudson River in Dutchess County. Important as a contribution to the local flora of New York City and vicinity it calls for some mention of the principal items among the 1075 specimens.

Clarence J. Elting was born October 13, 1860, at Highland, Ulster County, New York, where he spent most of his life until his death on May 28, 1942. His interests were mainly amateur photography, botany, genealogy and local history. He was a member of the local historical societies and well known locally as an authority upon such matters. The *New Paltz Independent* of Thursday, June 4, 1942, contains additional information regarding his life and activities.

Some details are necessary in connection with the localities where most of his plants were collected. Bailey's Gap is the highest point on Route 55, between Highland and Clintondale, and is 3 miles west of the Hudson River. Saxton's Pond is in the township of Lloyd and is now designated on topographic maps as "Lily Lake." Pine Hole is an extensive swamp and bog area on the headwaters of the Swartekill about 2 miles south of Ohioville, a hamlet about 2 miles east of New Paltz. Butterville is a hamlet about 2 miles west of New Paltz. Dashville Falls is near Dashville on the Wallkill River. Black Pond is in the northern part of Lloyd township. Bull Run is in the township of Denning, about 3 miles north of the Sullivan County line. Claryville, Libertyville, Lloyd, Mohonk, Minnewaska, New Paltz, Clintondale, Marlboro and Milton are all in Ulster County and easily located on most maps. Fallsburgh is in northern Sullivan County and Millburn is a hamlet in Wallkill township, Orange County.

Most of the specimens are numbered apparently according to their sequence in his Gray's Manual. The herbarium was started in 1892 and active collection was continued until 1903, with fewer collections in 1907 and some scattered ones as late as 1923 and 1925.

The following species are selected from Mr. Elting's herbarium as most worthy of permanent record:

- ANCHISTEA VIRGINICA (L.) Presl. Swamp near Mohonk, 3584, August 10, 1896
- ASPLENIUM MONTANUM Willd. Near Mohonk, 3540, September 5, 1901
- POLYSTICHIMUM BRAUNII (Spenner) Fee. Mountain woods near Shokan, 3521, May 15, 1903
- WOODSIA OBTUSA (Spreng.) Torr. Rocky woods, Highland, 3580, July 8, 1893
- BOTRYCHIUM LANCEOLATUM (Gmel.) Angstr., var. ANGUSTISEGMENTUM Pease & Moore. Woods near Highland, August 7, 1900
- BOTRYCHIUM MULTIFIDUM (Gmel.) Rupr., var. SILAIFOLIUM (Presl.) Broun (Ind. N. Am. Ferns 41, 1938). Woods near Highland, 3592, August 29, 1898
- PICEA MARIANA (Mill.) B. S. P. "Pine Hole" swamp, 2 miles south of Ohioville, 2515, May 20, 1897
- SPARGANIUM AMERICANUM Nutt. Shallow water near Highland, 2772, July 10, 1893
- POTAMOGETON PECTINATUS L. Shallow water, Libertyville, 2851, July 24, 1898
- SAGITTARIA SUBULATA (L.) Buchenau. Borders of Hudson River near Highland, 2808, August 20, 1892

- SAGITTARIA LATIFOLIA Willd., f. DIVERSIFOLIA (Engelm.) Robinson. Hudson River near Highland, 2810, August 8, 1892
- ANACHARIS OCCIDENTALIS (Pursh) Marie-Victorin. Tidal marsh on Hudson River near Highland, 2531, July 28, 1894
- PANICUM ASHEI Pearson. Woods near Highland, 3411, June 19, 1901
- MUHLENBERGIA RACEMOSA (Michx.) B. S. P. Borders of Saxton's Pond, Lloyd, 3395, September 14, 1896
- CALAMAGROSTIS CINNODES (Muhl.) Barton. Minnewaska, 3302, August 25, 1896
- ELEUSINE INDICA Gaertn. Waste ground, Highland, 3328, August 13, 1895
- TRIODIA FLAVA (L.) Hitchc. Near Esopus, 3493, October 10, 1899
- GLYCERIA FLUITANS (L.) R. Br. Shallow water near Highland, 3364, June 8, 1899. Well marked by the large spikelets and long lemmas.
- BROMUS HORDACEUS L. Roadside near Highland, July 10, 1907
- ELYMUS WIEGANDII Fernald (Rhodora 35: 192, 1933). River shore near Highland, 3329, July 29, 1894
- HYSTRIX PATULA Moench. Woods near Highland, 3274, July 12, 1894
- ELEOCHARIS CAPITATA (L.) R. Br. (*E. tenuis* of N. Y. Reports). Wet soil, Highland, 3144, June 24, 1896
- STENOPHYLLUS CAPILLARIS (L.) Britt. Dry soil, Highland, 3170, August 21, 1896
- SCIRPUS HUDSONIANUS (Michx.) Fernald (*Erioprorum alpinum* L.) "Pine Hole" swamp, 2 miles south of Ohioville, 3159, June 3, 1896
- ERIPHORUM VIRIDI-CARINATUM (Engelm.) Fernald. "Pine Hole" swamp, 2 miles south of Ohioville, 3164, June 3, 1896
- RYNCHOSPORA ALBA (L.) Vahl. Borders of Saxton's Pond, Lloyd, 3180, August 16, 1895
- MARISCUS MARISCOIDES (Muhl.) Kuntze. Saxton's Pond, Lloyd, 3102, August 6, 1895
- CAREX EXILIS Dewey. "Pine Hole" swamp, 2 miles south of Ohioville, 2924, May 20, 1897
- CAREX CEPHALANTHA (Bailey) Bicknell. Borders of Saxton's Pond, Lloyd, 2921, June 5, 1897
- CAREX TORTA Boott. Along stream, Bull Run, Denning, 3065, May 15, 1903
- CAREX DAVISII Schw. & Torr. Meadow, Hackensack road, southeast of Poughkeepsie, Dutchess County, 2908, June 1, 1899
- CAREX PLANTAGINEA Lam. Woods near Bull Run, Denning, 3004, May 12, 1903
- CAREX GRISEA Wahl. Moist woods, Libertyville, 2967, June 17, 1899
- CAREX CRYPTOLEPIS Mackenzie. Wet soil near Highland, 2930, June 14, 1899
- CAREX LASIOCARPA Ehrh. Borders of Saxton's Pond, Lloyd, 2927, June 5, 1897
- CAREX SQUARROSA L. Woods near Highland, 3078, August 29, 1905
- CAREX GRAYII Carey. Wet woods, New Paltz, 2946, June 23, 1902
- ARISAEMA PUSILLUM (Peck) Nash. Wet woods, Highland, 2779, July 10, 1893

Peck (N. Y. State Mus. Bul. 67: 20, 1903) reports specimens contributed to the State Herbarium by Mr. Elting, collected in June, 1902. The type was collected at Millbrook, Dutchess County, by Fred. Thorne of New Paltz (51st Ann. Rep't N. Y. State Mus. 275, 297), but the herbarium specimen is mistakenly labelled as having been collected by "F. Thomas." Other New York collections in the State Herbarium are: Bedford Park, Bronx, *Nash*, May 26, 1899; Sandlake, Rensselaer County, *Peck*; Hewlett, Nassau County, *Taylor* (*Torreya* 9: 260, 1909).

- ARISAEMA DRACONTIUM L. Wet soil, Libertyville, 2778, May 31, 1898  
 ORONTIUM AQUATICUM L. Saxton's Pond, Lloyd, 2781, May 31, 1894  
 ERIOCAULON SEPTANGULARE With. Saxton's Pond, Lloyd, 2870, July 5, 1895  
 XYRIS FLEXUOSA Muhl. Borders of Saxton's Pond, Lloyd, 2709, August 6, 1895  
 COMMELINA COMMUNIS L. Waste places, Highland, 2712, August 22, 1905  
 ZOSTERELLA DUBIA (Jacq.) Small. Shallow water, Libertyville, 2702, July 23, 1896  
 CYPRIPEDIUM REGINAE Walt. Swamp near Highland, 2548, June 11, 1893  
 HABENARIA BRACTEATA (Willd.) R. Br. Woods near Highland, 2555, May 22, 1893  
 HABENARIA FLAVA (L.) Gray. Woods near Highland, 2572, July 1, 1893  
 HABENARIA BLEPHARIGLOTTIS (Willd.) Torr. Minnewaska, 2553, July 28, 1896  
 ARETHUSA BULBOSA L. Borders of Saxton's Pond, Lloyd, 2536, May 13, 1896  
 POGONIA OPHIOGLOSSOIDES (L.) Ker. Marsh near Highland, 2585, June 28, 1893  
 LIMODORUM TUBEROSUM L. Borders of Saxton's Pond, Lloyd, 2537, June 20, 1895  
 SPIRANTHES PLANTAGINEA (Raf.) Torr. (*S. lucida* Ames). Wet soil, Lloyd, 2590, June 13, 1901  
 GOODYERA PUBESCENS (Willd.) R. Br. Woods near Highland, 2551, July 17, 1894  
 CORALLORRHIZA ODONTORHIZA Nutt. Woods near Highland, 2541, September 3, 1892  
 LIPARIS LILLIFOLIA (L.) L. C. Rich. Woods near Highland, 2574, June 6, 1903  
 APLECTRUM HYEMALE (Muhl.) Torr. Woods near Highland, 2535, May 26, 1895  
 MYRICA PENNSYLVANICA Loiseleur (*M. carolinensis* of N. Y. Reports, see Fernald, *Rhodora* 37: 423, 1935; 40: 410, 1938). "Pine Hole" swamp, 2 miles south of Ohioville, 2416, June 8, 1897  
 CARYA ALBA (L.) K. Koch. Woods near Highland, 2412, May 24, 1893  
 CORYLUS CORNUTA Marsh. Thickets near Highland, 2435, April 6 and June 20, 1893  
 BETULA NIGRA L. Along stream near Libertyville, 2426, April 15 and July 10, 1893  
 × QUERCUS SCHUETTEI Trelease (*Q. bicolor* × *macrocarpa*). Woods near Highland, August 20, 1905  
 MORUS RUBRA L. Woods near Highland, 2393, May 14, 1894  
 PARIETARIA PENNSYLVANICA Muhl. Dashville Falls, 2394, October 12, 1901  
 ARISTOLOCHIA SERPENTARIA L. Moist woods, Highland, 2317, August 10, 1895

- POLYGONUM TENUE Michx. Rocky slopes, Highland, 2298, September 17, 1896
- PARONYCHIA FASTIGIATA Fernald, Rhodora 38: 421, 1936 (*Anychia polygonoides* Raf.). Dry soil near Highland, 2210, August 4, 1902
- PARONYCHIA CANADENSIS (L.) Wood (*Anychia dichotoma* Michx.). Dry woods, Highland, 2209, September 9, 1892
- ARENARIA LATERIFLORA L. Woods near Libertyville, 261, June 28, 1897
- ARENARIA GROENLANDICA (Retz.) Spreng., var. GLABRA (Michx.) Fernald. Ledges near Minnewaska, 260, July 21, 1895
- STELLARIA BOREALIS Bigel. Wet places in mountain woods near Claryville, 310, June 6, 1898
- CERASTIUM NUTANS Raf. Moist places near Highland, 276, May 17, 1895
- CERASTIUM OBLONGIFOLIUM Torr. Rocky soil, Clintondale, 274, May 18, 1898
- LYCHNIS CHALCEDONICA L. Adventive, Highland, 284, July 1, 1894
- AGROSTEMMA GITHAGO L. Field near Highland, 288, July 15, 1893
- SILENE ARMERIA L. Adventive, Highland, 299, July 10, 1895
- SILENE STELLATA (L.) Ait. f. Woods near Libertyville, 307, August 6, 1897
- SAPONARIA VACCARIA L. Adventive, Highland, 296, August 26, 1897
- DIANTHUS DELTOIDES L. Roadside near Highland, 280, June 10, 1893
- CLAYTONIA CAROLINIANA Michx. Woods near Claryville, 320, May 12, 1897
- NYMPHAEA ODORATA Dryand. Black Pond near Lloyd, 108, July 11, 1893
- RANUNCULUS FLABELLARIUS Raf. Marsh near Highland, 65, May 14, 1894
- RANUNCULUS AMBIGENS S. Wats. (*R. obtusiusculus* Raf. ?). Wet soil near Highland, July 10, 1907
- RANUNCULUS MICRANTHUS Nutt. Woods near Highland, 49, May 10, 1893
- CLEMATIS VERTICILLATA DC. Rocky woods west of Highland, May 10, 1904
- COPTIS TRIFOLIA (L.) Salisb. "Pine Hole" swamp, 2 miles south of Ohioville, 34, May 6, 1897
- TROLLIUS LAXUS Salisb. "Bailey's Gap," near Highland, 82, April 21, 1903
- DELPHINIUM AJACIS L. Garden adventive, Highland, 35, August 2, 1893
- CIMICIFUGA RACEMOSA L. Woods near Libertyville, 24, July 17, 1897
- DICENTRA CANADENSIS (Goldie) Walp. Mountain woods, Claryville, 129, May 12, 1897
- ADLUMIA FUNGOSA (Ait.) Greene. Rocky woods, West Mountain near Highland, 122, July 14, 1895
- BERTEROA INCANA (L.) DC. Roadside near Highland, 134, November 6, 1893
- LUNARIA ANNUA L. Persistent, Highland, 189, May 8, 1898
- ARABIS CANADENSIS L. Woods near Highland, 135, May 23, and August 10, 1894
- POLANISIA GRAVEOLENS Raf. Along Hudson River near Highland, 215, August 22, 1896
- SARRACENIA PURPUREA L. Swamp near Highland, 112, June 6, 1893
- DROSEROTA ROTUNDFOLIA L. Borders of Saxton's Pond, Lloyd, 830, July 8, 1895
- DROSEROTA INTERMEDIA Hayne. Border of Saxton's Pond, Lloyd, 828, July 8, 1895
- SAXIFRAGA PENNSYLVANICA L. Swampy meadow near Highland, 809, May 19, 1896
- HEUCHERA AMERICANA L. Thickets near Libertyville, 776, June 28, 1897

- PARNASSIA AMERICANA Muhl. (*P. caroliniana* of N. Y. Reports). Wet soil, Hackensack road, southeast of Poughkeepsie, Dutchess County, 787, August 11, 1896
- RIBES ODORATUM Wendl. Escaped and spreading, Highland, 793, May 15, 1893
- SORBUS AMERICANA Marsh. Woods near Bull Run, Denning, 726, May 15, 1903
- WALDSTEINIA FRAGARIOIDES (L.) Tratt. Woods near Fallsburgh, 767, May 15, 1897
- POTENTILLA PALUSTRIS (L.) Scop. Border of Black Pond, Lloyd, 700, July 10, 1893
- POTENTILLA ANSERINA L. Along Hudson River, 2 miles north of Highland, 691, September 28, 1898
- GEUM MACROPHYLLUM Willd. Mountain woods, Bull Run, Denning, 681, May 12, 1903
- GEUM RIVALE L. "Bailey's Gap," near Highland, 683, May 31, 1905
- DALIBARDA REPENS L. Woods near Liberty, Sullivan County, 675, July 21, 1904
- SANGUISORBA MINOR Scop. (*Poterium Sanguisorba* L.) Waste ground near Marlboro, 711, October 14, 1903
- SANGUISORBA CANADENSIS L. Wet soil, Lloyd, 710, August 18, 1903
- CASSIA MARILANDICA L. Thickets near Libertyville, 517, July 15, 1896
- CASSIA NICTITANS L. Field near Highlands, August 18, 1907
- CROTALARIA SAGITTALIS L. Field near Highland, August 20, 1907
- CORONILLA VARIA L. Meadow near Highland, 525, August 12, 1892
- DESMODIUM CANESCENS (L.) DC. Woods near Libertyville, 536, August 13, 1899
- DESMODIUM BRACTEOSUM (Michx.) DC. Thickets near Highland, 539, August 13, 1895
- DESMODIUM LAEVIGATUM (Nutt.) DC. Woods near Highland, 540, August 13, 1895
- DESMODIUM MARILANDICUM (L.) DC. Dry woods, Highland, 545, August 28, 1892
- DESMODIUM RIGIDUM (Ell.) DC. Dry woods, Highland, 550, August 21, 1896
- LESPEDEZA PROCUMBENS Michx. Dry woods near Highland, 579, September 11, 1896
- LESPEDEZA REPENS (L.) Bart. Dry woods, Highland, 578, September 7, 1896
- LESPEDEZA VIOLACEA (L.) Pers. Dry woods, Highland, 580, August 18, 1892
- LESPEDEZA VIRGINICA (L.) Britt. Dry woods, Highland, 580, August 18, 1892.  
(Mixed with the preceding and hence numbered the same)
- LESPEDEZA INTERMEDIA S. Wats. (Hopkins, *Rhodora* 37: 264-266, 1935).  
Dry thickets, Libertyville, 583, August 29, 1900
- LESPEDEZA STUVEI Nutt. Dry woods, Highland, 582, September 12, 1896
- VICIA CRACCA L. Roadside, Highland, 646, June 17, 1900
- LATHYRUS PALUSTRIS L., var. MYRTIFOLIUS (Muhl.) Gray. Wet soil near Libertyville, 571, June 28, 1897
- LINUM VIRGINIANUM L. Field near Highland, 391, August 20, 1893
- OXALIS VIOLACEA L. Moist woods near Poughkeepsie, Dutchess County, 409, May 12, 1896

- ERODIUM CICUTARIUM (L.) L'Her. Weed in a cemetery, Highland, June 20, 1907
- POLYGALA SENEGA L. Woods east of Poughkeepsie, Dutchess County, 482, June 12, 1896
- EUPHORBIA PLATYPHYLLA L. Weed in cultivated field, Highland, 2370, July 21, 1892
- CALLITRICHE PALUSTRIS L. Shallow water, Ohioville, 837, September 13, 1898
- CALLITRICHE HETEROPHYLLA Pursh. Shallow water, Highland, 836, September 6, 1895
- ILEX MONTANA Torr. & Gray. Thickets near Mohonk, 421, May 25, 1896
- ILEX LAEVITATA (Pursh) Gray. "Pine Hole" swamp, 2 miles south of Ohioville, 419, June 3, 1896
- VITIS LABRUSCA L. Thickets near Highland, 443, June 6, 1893
- HIBISCUS TRIONUM L. Adventive, Highland, 367, October 7, 1893
- HYPERICUM GENTIANOIDES (L.) B. S. P. Dry soil near Highland, 350, September 11, 1892
- VIOLA LANCEOLATA L. Shores, Mohonk, 240, June 20, 1893
- VIOLA CANADENSIS L. Woods near Claryville, 235, May 12, 1897
- CUPHEA PETIOLATA (L.) Koehne. Meadow near Highland, 855, August 17, 1892
- OENOTHERA GRANDIFLORA Ait. Highland, 893, July 8, 1899. Not stated whether an escape or not. Sepals 4.5–4.75 cm. long; petals 4–4.5 cm. long; style 3.5 cm. long; stigmas spreading, about 7 mm. long
- PROSERPINACA PALUSTRIS L. Wet places, Highland, 847, July 27, 1893
- ZIZIA CORDATA (Walt.) DC. Dry woods, Highland, 998, May 29, 1898
- HERACLEUM LANATUM L. Open moist places, Highland, 963, June 16, and August 31, 1896
- ANGELICA VILLOSA (Walt.) B. S. P. Woods near Highland, 934, August 31, 1892
- CLETHRA ALNIFOLIA L. Lake Minnewaska, 1627, July 21, 1895
- CHIMAPHILA MACULATA (L.) Pursh. Dry woods, Highland, 1623, July 8, 1893
- PYROLA SECUNDA L. Woods near Highland, 1663, June 18, 1893
- RHODODENDRON CANADENSE (L.) B. S. P. (*Rhodora canadensis* L.) Minnewaska, 1671, May 8, 1896
- RHODODENDRON MAXIMUM L. Woods near Minnewaska, 1669, June 29, 1893
- KALMIA POLIFOLIA L. "Pine Hole" swamp, 2 miles south of Ohioville, 1638, May 29, 1899
- ANDROMEDA GLAUCOPHYLLA Link. Borders of Saxton's Pond, Lloyd, 1616, May 1, 1895
- CHAMAEDAPHNE CALYCVLATA (L.) Moench. Borders of Saxton's Pond, Lloyd, 1621, May 1, 1895
- CHIOGENES HISPIDULA (L.) Gray. Mossy woods, Claryville, 1625, May 12, 1897
- VACCINIUM MACROCARPON Ait. Borders of Saxton's Pond, Lloyd, 1685, June 20, 1895

- SAMOLUS PARVIFLORUS Raf. (*S. floribundus* H. B. K.). Wet meadow, Libertyville, 1714, June 28, 1897
- LYSIMACHIA VULGARIS L. Damp soil, Ohioville, 1711, June 29, 1893
- FRAXINUS NIGRA Marsh. Wet woods, Highland, 1736, May 12, 1893
- GENTIANA QUINQUEFOLIA L. Woods near Libertyville, 1802, September 28, 1896
- GENTIANA CLAUSA Raf. Damp thickets, Highland, 1794, September 26, 1893
- BARTONIA VIRGINICA (L.) B. S. P. Mossy woods near Highland, 1784, July 21, 1900
- MENYANTHES TRIFOLIATA L. Borders of Saxton's Pond, Lloyd, 1809, May 13, 1896
- ASCLEPIAS TUBEROSA L. Dry soil, Millburn, 1765, August 5, 1903
- ASCLEPIAS PURPURASCENS L. Open woods, Highland, 1759, July 3, 1893
- ASCLEPIAS QUADRIFOLIA Jacq. Dry woods, Highland, 1760, June 12, 1893
- CONVOLVULUS SPITHAMAEUS L. Field near Butterville, 1892, May 25, 1896
- CUSCUTA EPITHYMUM Murr. On red clover, *Trifolium pratense* L. near Highland, 1900, August 22, 1896
- VERBENA STRICTA Vent. Field near Highland, 2073, July 23, 1902
- AGASTACHE NEPETOIDES (L.) Kuntze. Woods near Highland, 2105, September 7, 1899
- SCUTELLARIA PARVULA Michx. Slope near New Paltz, 2167, June 6, 1903
- LEONURUS MARRUBIASTRUM L. Waste ground, Highland, 2076, October 4, 1897
- MELISSA OFFICINALIS L. Waste ground near Highland, 2113, September 7, 1892
- BLEPHILA HIRSUTA (Pursh) Benth. Dry soil, Hackensack road near Poughkeepsie, Dutchess County, 2078, July 26, 1899
- MENTHA ALOPECUROIDES Hull. Waste ground near Highland, 2121, September 16, 1893
- SOLANUM ROSTRATUM Dunal. Waste ground, Highland, 1939, September 25, 1894
- PHYSALIS PHILADELPHICA Lam. (*P. subglabrata* Mack. & Bush). Moist field near Highland, 1929, August 25, 1892
- PHYSALIS HETEROPHYLLA Nees, var. NYCTAGINEA (Dunal.) Rydb. Meadow near Highland, 1929, August 25, 1892
- DATURA TATULA L. Waste ground, Highland, 1918, August 28, 1893
- MIMULUS ALATUS Ait. Wet soil, Libertyville, 1991, July 29, 1898
- LINDERNIA DUBIA (L.) Pennell (*Ilysanthes dubia* Barnh.). Muddy shores, Libertyville, 1982, July 21, 1895
- VERONICA ANAGALLIS-AQUATICA L. Wet soil, Highland, 2021, October 20, 1892
- VERONICA LONGIFOLIA L. Established, near Lloyd, 2029, July 16, 1903
- AUREOLARIA PEDICULARIA (L.) Raf. Woods near Highland, 1965 August 22, 1892
- AUREOLARIA FLAVA (L.) Pennell. Woods near Highland, 1960, July 15, 1893
- GERARDIA PURPUREA L. "Pine Hole" swamp, 2 miles south of Ohioville, 1966, September 18, 1896



- CASTILLEJA COCCINEA L. Meadow near Libertyville, 1946, May 16, 1899
- UTRICULARIA CORNUTA Michx. Borders of Saxton's Pond, Lloyd, 2041, July 8, 1895
- UTRICULARIA JUNCEA Vahl. "Pine Hole" swamp, 2 miles south of Ohioville, 2042, September 5, 1908
- CONOPHOLIS AMERICANA (L.) Wallr. Woods near Highland, 2034, July 17, 1894
- PLANTAGO CORDATA Lam. Hudson River near Highland, 2191, July 1, 1893
- DIODIA TERES Walt. Dry soil, Highland, 225, August 10, 1907
- HOUSTONIA PURPUREA L. Meadow near Highland, 1082, June 25, 1896
- LONICERA CAPRIFOLIUM L. Naturalized near Highland, 1028, June 13, 1893
- VIBURNUM PRUNIFOLIUM L. Thickets, Highland, 1050, May 26, 1893
- DIPSACUS SYLVESTRIS Huds. Waste ground, Highland, 1011, August 18, 1893
- SPECULARIA PERFOLIATA (L.) A. DC. Dry slopes near Highland, 1611, June 28, 1893
- CAMPANULA ULIGINOSA Rydb. Marsh near Highland, 1603, July 14, 1894
- LOBELIA DORTMANNA L. Shallow water, Minnewaska, 1590, July 21, 1895
- VERNONIA NOVEBORACENSIS Willd. Wet soil near Highland, 1580, August 18, 1892
- EUPATORIUM SESSILIFOLIUM L. Woods near Highland, 1344, August 11, 1899
- MIKANIA SCANDENS (L.) Willd. Thickets along Hudson River near Highland, 1446, August 28, 1892
- SOLIDAGO PATULA Muhl. Marsh near Highland, 1531, November 7, 1892
- SOLIDAGO ODORA Ait. Minnewaska, 1529, July 28, 1896
- SOLIDAGO NEGLECTA Torr. & Gray. "Pine Hole" swamp, 2 miles south of Ohioville, 1525, September 18, 1896
- SOLIDAGO ULMIFOLIA Muhl. Thickets near Highland, 1551, September 26, 1898
- ASTER HERVEYI Gray. Woods near Highland, 1171, August 20, 1899
- ASTER TRADESCANTI L. Wet soil near Highland, 1158, October 16, 1892
- ASTER PANICULATUS Lam., var. ACUTIDENS Burgess. Dry soil near Highland, 1192, October 18, 1892
- ASTER PUNICEUS L., var. FIRMUS (Nees) T. & G. Damp soil near Highland, 1185, October 25, 1894
- ASTER LINEARIFOLIUS L. Dashville Falls, 1175, October 11, 1901
- ASTER INFIRMUS Michx. Open woods, Highland, 1172, July 26, 1893
- RUDBECKIA SPECIOSA Wenderoth. New Paltz, 1476, September 6, 1899. Probably an escape.
- COREOPSIS TINCTORIA Nutt. Highland, 1288, August 22, 1893. Not stated whether cultivated, naturalized or an escape.
- BIDENS COMOSA (Gray) Wiegand. Wet soil, Highland, 1232, August 31, 1892
- BIDENS BIPINNATA L. Moist ground, Highland, 1231, August 28, 1892
- BIDENS CERNUA L. Marsh near Milton, 1233, September 15, 1896

This is the tall, erect form with rays exceeding the bracts and with elongated narrow leaves, prominently and distantly toothed. Being essentially glabrous it is often confused with *Bidens laevis*. It is the common form of this species in the marshes of the Hudson River and adjacent territory, and rarely elsewhere across the state.

- BIDENS TRICHOSPERMA (Michx.) Britt. Saxton's Pond, Lloyd, 1289, September 5, 1895. Possibly native, although the same plant has appeared at several localities in eastern New York within recent years, and evidently introduced
- CHRYSANTHEMUM PARTHENIUM (L.) Bernh. Adventive, Highland, 1258, September 10, 1892
- SENECIO OBOVATUS Muhl. Woods near Highland, 1482, May 25, 1896
- CIRSIUM DISCOLOR Muhl. Open woods near Highland, 1294, September 15, 1892
- CIRSIUM MUTICUM Michx. Swamp near Highland, 1298, October 11, 1893
- CIRSIUM PUMILUM (Nutt.) Spreng. Dry fields, Highland, 1300, August 26, 1892
- CENTAUREA JACEA L. Waste ground, Highland, 1253, August 7, 1903
- LAPSANA COMMUNIS L. Waste ground near Highland, 1425, June 21, 1897
- KRIGIA BIFLORA (Walt.) Blake (*K. amplexicaulis* Nutt.). Weed in cultivated soil, Highland, August 8, 1923
- KRIGIA VIRGINICA (L.) Willd. Dry soil, Highland, 1412, June 7, 1894
- VIREA AUTUMNALIS (L.) S. F. Gray (*Leontodon autumnalis* L.). Roadside near Highland, July 20, 1907
- PICRIS HIERACIODES L. Waste ground near Highland, July 10, 1907
- PICRIS ECHIOIDES L. Roadside near Highland, July 10, 1907
- LACTUCA CANADENSIS L., var. OBOVATA Wiegand. Woods near Highland, 1419, July 15, 1903
- HIERACIUM PRATENSE Tausch. Fields near Highland, July 10, 1907
- HIERACIUM GRONOVII L. Open woods near Highlands, 1396, August 22, 1895
- HIERACIUM CANADENSE Michx. Dry woods, Libertyville, 1393, August 30, 1898

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## BOOK REVIEWS

### Flora of Fukien

Flora of Fukien and Floristic Notes on Southeastern China. First Fascicle. By Franklin P. Metcalf, ix. + 82 double pages. Lingnan University, American Office, 150 Fifth Ave., New York City. \$1.50.

This is the first part of a monumental work on the flora of southeastern China. Dr. Metcalf has already given twenty years to the task. He served as Professor of Botany in the Fukien Christian University from 1923 to 1929, and in the Lingnan University in Canton (formerly Canton Christian College) from 1931 to 1938. He and his students have collected extensively in China, and a Rockefeller fellowship made it possible for him to see practically all of the Fukien plants in the herbaria of the world. Since leaving